



Capacitive Sensors Series 80 - PNP

Housing M 8 x1

- Capacitive sensor for level and position control
- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- Operating distance adjustable with EasyTeach by Wire
- Optical guidance during the teach process with the aid of a 2-colour LED

With manufacturer certificate

for use in zone 2

for use in zone 22

II 3G Ex nA IIC T6 Gc X

II 3D Ex mc IIIC T101°C Dc IP67 X



Technical data	Flush mountable
Operating distance S_n	1,5 mm
Operating distance min. / max. adjustable	0,1...2,5 mm
Electrical version	3 wire DC
Output function	Normally open
Type PNP	KAS-80-A11-S-M8-PTFE/VAb-Z02-ETW-HP-3G-3D, ATEX
Art.-No.	KA 1606
Operating voltage (U_B)	10...30 V DC
Voltage drop max. (U_g)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_e)	0...150 mA
No-load current (I_o)	Typ 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-20...+70°C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m PUR, 4 x 0.14 mm ²
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Accessories (delivered with the sensor)	2 nuts M 8 x 1

All specifications are subject to change without notice. (29.11.2021)

EasyTeach chart:
LED / Output function
Yellow = A1
Green = A1

Made in Germany